

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-22 (cancelled).

23. (new) A disc brake having a brake disc, for a commercial vehicle, operated pneumatically or by an electric motor, the disc brake comprising:

a caliper which, in use, straddles the brake disc;

a brake application unit arranged in the caliper for applying a braking force;

at least one adjustment device arranged in the caliper for offsetting at least one of brake lining and brake disc wear, said at least one adjustment device comprising two axially displaceable adjustment elements, each of which has a respective pressure piece;

a common connector plate in which end areas of the two adjustment elements which face a respective brake lining are fixed in a torsion resistant manner; and

wherein a single or multi-part heat insulation layer is attached, at least in sections, at at least one of the connector plate and the pressure piece on a side facing the respective brake lining.

24. (new) The disc brake according to claim 23, wherein the connector plate is a thermal shield dimensioned such that it largely covers an opening, which faces the brake disc, of an installation space in the caliper in which the adjustment device is arranged.

25. (new) The disc brake according to claim 23, wherein the heat insulating layer is formed in one or more parts, and is attached directly to the connector plate as a plate.

26. (new) The disc brake according to claim 23, wherein an adjustment device is arranged in the caliper on each side of the brake disc.

27. (new) The disc brake according to claim 23, further comprising an electric motor drive operably coupled to the at least one adjustment device.

28. (new) The disc brake according to claim 24, further comprising an electric motor drive operably coupled to the at least one adjustment device.

29. (new) The disc brake according to claim 23, further comprising a pressure piece plate which forms the pressure piece and is positioned on the connector plate, the pressure piece plate bearing the heat insulation layer.

30. (new) The disc brake according to claim 23, wherein the heat insulation layer is formed of a ceramic material.

31. (new) The disc brake according to claim 29, wherein the pressure piece plate is arranged flush with a surface of the connector plate and held in an axial and torsion-resistant manner.

32. (new) The disc brake according to claim 31, wherein the pressure piece plate includes recesses formed therein in a direction of the connector plate.

33. (new) The disc brake according to claim 23, wherein the connector plate is provided with protuberances in a connection area with the adjustment elements facing the brake lining, said adjustment elements being fixed axially and torsion-resistently in said connection area.

34. (new) The disc brake according to claim 33, wherein said protuberances have a cylindrical-shape and include stop notches, which stop notches form catch grooves on an outer surface for the pressure piece plate and on an inner surface form catch grooves corresponding to noses of the adjustment element.

35. (new) The disc brake according to claim 33, wherein the area of the adjustment element that extends into the protuberance has, on a side surface thereof, slots which extend through the material.

36. (new) The disc brake according to claim 35, wherein the adjustment element includes a peripheral collar that rests against the connector plate.

37. (new) The disc brake according to claim 36, wherein said collar includes breakthroughs.

38. (new) The disc brake according to claim 36, wherein an undercut is formed on an end area of the adjustment element that extends into the protuberance and which is adjacent the collar, into which said undercut a correspondingly formed nose of the pressure piece plate engages by pressing into a surface area of the protuberance.

39. (new) The disc brake according to claim 38, wherein the pressure piece plate is formed in a circular shape having a center opening that engages in the undercut of the adjustment element.

40. (new) The disc brake according to claim 23, further comprising expansion bellows coupled to the connector plate and covering the adjustment element at least partially.

41. (new) The disc brake according to claim 40, wherein the expansion bellows is attached, at an end facing the connector plate, to an inner collar at the pressure element, and to an outer collar at the connector plate.

42. (new) The disc brake according to claim 23, wherein the connector plate has a wave fold in a center area extending transverse to a longitudinal extent of the connector plate.

43. (new) The disc brake according to claim 23, wherein the pressure pieces and lining support plates of the brake linings are coupled to one another such that a retraction of the brake lining occurs when the adjustment elements are retracted, and when the brake is released.

44. (new) The disc brake according to claim 43, further comprising one or more plate springs arranged at one of the pressure piece or a component of the adjustment element, said one or more plate springs undercutting a rod in a recess of the lining support plate.

45. (new) The disc brake according to claim 43, wherein at the lining support plate one or more plate springs are arranged, which plate springs undercut the pressure piece or a component of the adjustment element coupled to the pressure piece.